NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

| The drawing(s) filed (insert date) 9-28-00 are: A. approved by the Draftsperson under 37 CFR 1.84 or 1.152. | |
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| B. objected to by the Draftsperson under 37 CFR 1.84 or 1.452 for submission of new, corrected drawings when necessary. Corrected draw | r the reasons indicated below. The Examiner will require ring must be sumitted according to the instructions on the back of this notic |
| DRAWINGS. 3" CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tonet. Fig(s) Poor quality (half-tonet. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (S1 2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1 2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) NIEWS. 37 CFR 1.84(h)(2) Brackers needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) | S. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Figts) 9. SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 10. CHARACTER OF LINES. NUMBERS. & LETTERS. 17 CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) Solid black stading not permitted. Fig(s) Shade lines, pale, rough and blurred. Fig(s) Shade lines, pale, rough and blurred. Fig(s) STATE 1.84(p) Numbers and reference characters not plain and legible. Fig(s) Figure legends are poor. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Figs Numbers. letters and reference characters must be 31 least 3.2 cm (1 8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) 16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.512 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Fig(s) Solid black shading not used for color contrast. |
| COMMENTS | - |
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| REVIEWER | ·CHASE | DATE 4.3-02 | TELEPHONE NO. 703 365 6436 |
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| ATTACHMENT T | O PAPER NO. | | |

REMINDER

E12,265

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig.PA. Fig. 1B. Fig. 1C, etc., the specification, at the Brief Description of the Prawing must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

Form FTO 948 (Re

A. D. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. D. objected to by the Draftsperson under 37 CFR 1.64 or 1.152 for the coasens indicated below. The Evantiner will require the property of the property of the coasens indicated below. The Evantiner will require

"NFORMATION ON HOW TO EFFECT DRAWING CHANGES" was to noise industrial to the back of the b

| 8. ARRANGEMENT OF VIEWS, 37 CFR 1,84(i) | 1. DRAWINGS, 37 CFR 1.84(a); Accompable categories of drawings: |
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| 1. Correction of Drawings 137 CFR 1185 | Black ink. Color. Color drawings are not accept if to entil petition is gracifed. |
| becomes the right setc, except for graphs. Fig(s) | Fig(s) |
| File new drawings with the changes incorporated therein title of the invention, inventors, name, and application is | . Identifying indicia, if provided, should include the |
| number has not been assigned to the application. If this is | |
| of each short and contend within the trib | Poor quality (half-tone). Fig(s) |
| of each sheet, and centered within the 100 margin. The transmittal letter addressed to the Drawing Reveiw Bran | ch. Paper not flexible, strong, white, and durable. |
| Lines, numbers & letters as t unite 13% thick and will | Fig(s) Erasures, alterations, every vicings, interlineations, |
| 2. Timing for Corrections S 1 1939 | folds, gapy tauchine marks not i-copted. Fig(s) |
| II. SHADING 37 CF3 Listen) | Mylar, velum paper is not acceptable (nos thin). |
| Applicant is required to submit bacceptable corrected d | covings within the three month shortened attentions. |
| | 4. Republisher and the state of |
| period set in the Notice of Allowability (PTOL-37). | 21.6 cm by 27 9 cm (6.1-2 x 11 moltes) |
| 37 CFR + 84(p) | All drawing aire us not the same safe. |
| Failure to take corrective action within set period will re | esult in ABANDONMENT of the Application of the Appl |
| Figure legelatione process to a | 5. MARGINS, 37 OF R 1.8 (q.j); 'w. episiole margins; |
| 3. Corrections other than Defects Noted by the Draw | ing Review Branch on the Form PTO-948 |
| sand direction as the aggreed CTR 1 84(pg 1). | Top 2.5 cm, Left 2.5cm, Right 1.5 cm, Bottom 1.0 cm, SRZF: A4 Size |
| All changes to the drawings, other than defects noted by t | the Drawing Review Branch, MUST be approved by |
| the examiner before the application will be allowed. N | o changes will be permitted other than correction of |
| defects, unless the examiner has approved the proposed | Margins not acceptable. Pug(s) |
| acreers, articisistrate of garinging the proposed | Changes. (1) 464 (1) 464 (2) 464 (2) 464 (3) 464 (3) 464 (4) |
| 15 (JEAD (JESES, 37 CFR) 84(a) | 6. VIEWS, 37 CER 1 Subj |
| Less bacceross en frother. Pigts) | REMINDER: Specification may require textstan to |
| — Lord land missing Fig.). 14. NUMBERING OF SHEETS OF LANDWING A CERTAIN | correspond to drawing changes. Partial views: 37 CF9 1.84(h)(2) |
| Shorts and number of common variables of the installation of the second | Brickets need at to show there as one entity. |
| tori? I to bound a wignounged | Fig13) |
| 15 NUMBERING OF LEWS TOTAL LAND | Views not more ted supremely (2) (10.1). |
| Views not numbered consecution, v. v. ed. v. v. e. e enterts begroung with nealest 1 - Fig.(s) | Fig(s) Enlarged view not line. Lot separately or property. |
| 10 CORRECTIONS, STUFF, 1 Sun | Fig(s) |
| Corrections not made from prior PTO 938 | |
| dated | 7. SECTIONAL VIEWS, 37 CFR (CS-07) |
| 17. DESIGN DRAWINGS (LTCFR) 152 Surface shading shown apperty. Triggs: | Halching not indicated for sectional prations of an object [Fig.(s)] |
| Soli i black shading not used for color conercy | Sectional designation should be noted with Archic or |
| Piers | Roman nuinvers. Fig(s) |
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Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.